



AVISCERA BIOSCIENCE

Anti-Human RAGE Monoclonal Antibody

Product Information

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| Code | A00112-08-100 |
| Name | Human RAGE Mab |
| Clone No. | 2F5D11D9H4 |
| Lot No. | |
| Size | 100 µg |
| Species | Human |
| Host | mouse |
| Immunogen | sRAGE, rec. |
| Ab Type | IgG |
| Purification | Protein G |
| Formulation | lyophilized Form without preservatives free |
| Carry | |
| Storage | -20 ° C |
| Specificity | Human sRAGE and esRAGE |
| Reconstitution | PBS, 100 µl |
| Application | ELISA |

Preparation

This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, E. coli-derived, recombinant human RAGE ECD form. The IgG fraction of mice ascites fluid was purified by Protein G affinity chromatography.

Formulation

Lyophilized 100 µg of IgG in phosphate-buffered saline (PBS).

Reconstitution

Reconstitute with sterile PBS. If 500 µl of PBS is used, the antibody concentration will be 200 µg/mL.

Storage

This antibody can also be aliquotted (by 10 µl per vial) and stored frozen at -20° C to -70° C **in a manual defrost freezer** for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

Specificity

This antibody has been selected for its ability to be paired with specific anti human esRAGE antibody for human serum and plasma samples assay on double antibody ELISA formulation. The data indicates this monoclonal antibody cross-reacts with esRAGE and sRAGE on directly ELISA.

Applications

ELISA - This antibody can be used as capture antibody at 1: 1000~2000 (0.5~1 µg/ml) with the appropriate a specific anti human esRAGE polyclonal IgG as Detection Antibody (A00112-09-100) at 1: 2000 (0.5 µg/ml) to detect human plasma and serum samples on ELISA.

Optimal dilutions should be determined by each laboratory for each application.

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